



Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200

Purchasing Receipts

PO No	Supplier	Line Item No	Ref No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Tot:
PO039034	ACI001-VC	8	1	Net 30	M4140H-R0.500	4140 Round Bar 0.500": Material: AISI 4140H ROUND BAR AS PER AISI 4140 OR ASTM A304-02/A-434-BC/A193-03 GRADE- B7/A29-03/A322-91 OR UNS # G41400 MIN: ULTIMATE TENSILE STRENGHT = 100 KSI MIN: YIELD TENSILE STRENGHT = 66 KSI				100	3/7/2018	48	S048620	Stock	3/7/2018	\$ 2.85 / ft	0	\$135		
										Total:	100	48							\$105	

Plex 3/7/2018 7:29 AM Dart.Dubois.Pascal

DELIVERY - CLIENT

Copy C000076431



ACTER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 866-456-4242
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N° CL10001056
Date 2018/03/01

Delivery date 2018/03/06

Your order N° 03934

Processed by Josianne Bourdon

Salesman OUELLETTE VALLEYFIELD

Carrier Net 30 Days

Credit Terme

Page 1

Instruction	F-M	Delivery Route	5	Internal Use Only										
				Weight	Qty	U/M	CMD	EXP	B/O	IN	I	S	C	OUT
1	ROUND 4140 HEAT TREAT 1/2 (R) *			32.06	48.00	PI-\$CLB	4X	4X		48				
	R4140-12H						4907							
	4 X 12' R/ HEAT: 190096													
	TRANSIT ST-JEROME LE 05/03													

Total Weight (Lbs) : 32.06 **NIR :** R-109516-6

Conditions :
All sold and delivered materials remain the property of "Aciel Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Aciel" Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acter Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Total (\$CAD)

Prepared By :	Verified By :
Delivered By :	Time :

Customer's Signature

Date

2/27/2018



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO039034

Supplier:	ACI001-VC Acier Ouellette Inc. 935 Boul. Du Havre Valleyfield QC J6S 5L1 Canada Phone: 800 667 4248 Fax: 450 377 5696	PO No:	PO039034
		PO Date:	2/13/18
		Due Date:	2/16/18
		Purchase Order Revision:	
		Revision Date:	
		Ship-To Contact:	Lavoie, Chantal Phone: clavoie@dartaero.com
		Via:	Ground
		Pymt Terms:	Net 30
		Freight Terms:	
		Special Comments:	QUOTE NO. SOU0085290, SOU0085420

Items											
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price	
8	M4140H-R0.500		4140 Round Bar 0.500" : Material: AISI 4140H ROUND BAR AS PER AISI 4140 OR ASTM A304-02/A-434-BC/A193-03 GRADE-B7/A29-03/A322-91 OR UNS # G41400 MIN: ULTIMATE TENSILE STRENGHT = 100 KSI MIN: YIELD TENSILE STRENGHT = 66 KSI	Partial	2/16/18	100 ft	60 ft	40 ft	\$2.85/ft	\$114.00	DAS 11 9-33
10	MT-4140-S-1.250X11.000		AISI 4140 Steel Sheet/Plate	Firmed	2/27/18			6 ft	\$120.00/ft	\$720.00	
								6 ft			Grand Total: \$834.00

Order Notes

11 FEB 27 2018

9-89

Procurement Quality Clauses

- A005 right of entry
- A012 chemical and physical test report
- A016 personnel qualification
- A017 raw material identification (as applicable)
- A026 certification of material conformance
- A041 quality management system
- A042 dart notification by supplier
- A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dart aerospace.com for further explanation.

Plex 2/27/18 2:46 PM dart.lavoie.chantal

CERTIFICATE OF TEST

CERTIFICAT D'ESAI

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Certification Date
25-SEP-2017

CUSTOMER ORDER NUMBER
NUMÉRO DE COMMANDE DU CLIENT

AC00009558

PART NUMBER/NUMÉRO DE PIÈCE

506031

Invoice Number
S697927

SOLD TO: VENDU À:	ACIER OUELLETTE INC 22 BOULEVARD J-F KENNEDY ST JEROME QC J7Y 4B6	SHIP TO: EXPÉDIÉ À:	ACIER OUELLETTE INC. 22 BOULEVARD J F KENNEDY SAINT JEROME QC J7Y 4
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Description: 4142) CF HEAT TREATED S/R OR STRESS FREE BAR
1/2 RD X 12' R/L *al*
HEAT: 190696 *al*

Line Total: 160 LB

ITEM: 506031

Specifications:

ASTM A434 CL BC 12
ASTM A193 M15
ASTM A322 13
EN 10204 04

ASTM A193 GR B7 M
ASTM A29-A29M 15
ASTM A331 95

ASTM A108 13
ASTM A304 11
ASTM A962/A962 14

CHEMICAL ANALYSIS

C	MN	SI	P	S	CR	NI	MO
0.42	0.97	0.26	0.011	0.022	1.04	0.20	0.23
CU	AL	CA					
0.17	0.026	0.0008					

RCPT: R294209

COUNTRY OF ORIGIN : SPAIN

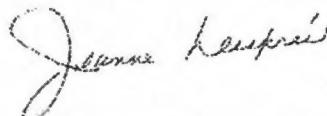
MECHANICAL PROPERTIES

DESCRIPTION	YLD STR KSI	ULT TEN KSI	%ELONG IN 02 IN	%RED IN AREA	HARDNESS BHN
	110.0	145.0	17.6	58.8	269

The above data were transcribed from the manufacturer's Certificate of Test after verification for completeness and specification requirements of the information on the certificate. All test results remain on file subject to examination. /Les informations ci-haut-mentionnées sont transcris du certificat d'essais du manufacturier après vérification de l'état complet des spécifications inscrites sur le certificat. We hereby certify that the material covered by this report will meet the applicable requirements described herein, including any specification forming a part of the description. /Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut. The willful recording of false, fictitious, or fraudulent statements in connection with test results may be punishable as a felony under federal statutes. /Les informations fausses, fictives ou frauduleuses en rapport avec le résultat des essais sont punissables en vertu des lois fédérales.

Material did not come in contact with mercury while in our possession./Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut.

JOANNE DESPRES



MANAGER QUALITY ASSURANCE,
GÉRANT DE L'ASSURANCE QUALITÉ

CERTIFICATE OF TEST

CERTIFICAT D'ESAIS

Page 02 of 02

Certification Date
25-SEP-2017

CUSTOMER ORDER NUMBER
NUMÉRO DE COMMANDE DU CLIENT

AC00009558

PART NUMBER/NUMÉRO DE PIÈCE

506031

Invoice Number
S697927

SOLD TO:	ACIER OUELLETTE INC	SHIP TO:	ACIER OUELLETTE INC.
VENDU À:		EXPÉDIÉ À:	
	22 BOULEVARD J-F KENNEDY ST JEROME QC J7Y 4B6		22 BOULEVARD J F KENNEDY SAINT JEROME QC J7Y 4

Description: 4142 CF HEAT TREATED S/R OR STRESS FREE BAR
1/2 RD X 12' R/L Line Total: 160 LB

HEAT: 190696 ITEM: 506031

END-QUENCH HARDENABILITY (JOMINY - RC)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
60	60	60	59	59	58	58	57	57	56	56	55	55	54	54
16	18	20	22	24	26	28	30	32						
53	52	51	49	48	47	46	45	44						

GRAIN SIZE : 7 -

VACUUM DEGASSED MATERIAL IS FREE FROM MERCURY CONTAMINATION
EDDY CURRENT/MAGNETIC TEST PERFORMED

THERMAL TREATMENT: OK

QUENCHING 1.562 F, TIME: (1): 45MIN; COOLING: (1): OIL

TEMPERATURE MEDIA AT THE START: (1) 95 F: TEMPERATURE MEDIA

AT THE FINISH (1) 122 F

TEMPERING 1.202 F; TIME (2) 150 MIN COOLING (2) AIR

TEMPOF (3) STRESS RELIEVED 1.102 F (3) 120 MIN

MACRO: OK

COMMENTS

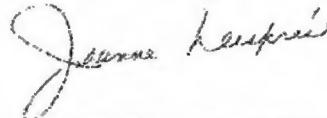
country of origin: spain
reduction ratio 167,8

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Material did not come in contact with mercury while in our possession./Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut.

JOANNE DESPRES



MANAGER QUALITY ASSURANCE,
GÉRANT DE L'ASSURANCE QUALITÉ

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M4140H-R0.500
 DATE: MAR 07 2018

PO / BATCH NO.: 039039/5048620

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 48'
 QUANTITY INSPECTED: 48'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.500
 THICKNESS RECEIVED: 0.500
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<u>N</u>	
CORRECT FINISH	<u>Y</u>	N	
CORROSION	Y	<u>N</u>	
CORRECT GRAIN DIRECTION	<u>Y</u>	N	
CORRECT MATERIAL PER M-DRAWING	<u>Y</u>	N	<i>Astm A193</i>
CORRECT THICKNESS	<u>Y</u>	N	
PHOTO REQUIRED	Y	<u>N</u>	
CORRECT REF # TO LINK CERT	<u>Y</u>	N	<i>Heat # 190696</i>
CORRECT MATERIAL IDENTIFICATION	<u>Y</u>	N	
CORRECT M# ON THE MATERIAL	<u>Y</u>	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<u>N</u>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<u>N</u>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>11</u> DATE: <u>9-8-18 MAR 07 2018</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



DESIGN <i>RF</i>	DRAWN BY <i>RF</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>RF</i>	APPROVED <i>RF</i>	DRAWING NO. M4140H-R	REV. A SHEET 1 OF 1
DATE 05.02.21		TITLE 4140 ROUND BAR	SCALE 1:1
A	05.02.21	NEW ISSUE	

PURCHASE MATERIAL: AISI 4140H ROUND BAR

PER AISI 4140 OR ASTM A304-02 / -A-434-BC /

not -A193-03 - GRADE-B7 / -A29-03 / -A322-91 OR

UNS # - G41400

MINIMUM ULTIMATE TENSILE STRENGTH = 100 ksi

MINIMUM YIELD TENSILE STRENGTH = 66 ksi

PART NUMBER: M4140H-R | D.DDD | WHERE D.DDD = DIAMETER IN INCHES
DIA.

EG. $\frac{3}{8}$ " ROUND BAR = M4140H-R 0.875

RELEASED
05.03.25 *RF*

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